Industrial Discharge Application

Modified: 10/20/1999

Revised: 7/13/2007

In accordance with the existing City of Savannah Code of Ordinances, the information requested in this application is required of all commercial or industrial users of the City of Savannah sewage treatment works.

A1. Applicant Business Name: _____

A2. The address of Facility Discharging Wastewater
Street: _____
City: _____ State: _____ Zip: _____

A3. Mailing Address
Street or P.O. Box No.: _____
City: _____ State: _____ Zip: _____

A4. Authorized Facility Representative [40 CFR 403.12 (l)]
Name: _____
Title: _____
Phone No.: _____ Address: _____

A5. Person to be contacted in case of an emergency:
Name: _____
Day Phone: _____
Night Phone: _____
Fax Number: _____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____
Date: _____
Name: _____
Title: _____

Official Use Only Do not write below this line

Application Complete: Yes__ No__ Visit Required: Yes__ No__ Permit Required: Yes__ No__
Permit Issued_____ Effective _____ Permit Number_____ Expires_____
Treatment Plant Service Area _____ Date_____ Reviewed by_____
Approved by _____ Date_____
Comments:

B1. Brief narrative of manufacturing or service activity at facility:

B2. North American Industry Classification System (NAICS) Codes or the Standard Industrial Classification (SIC) for Principal Products or Services:

PRODUCTS OR hSERVICES	NAICS CODE	SIC CODE	PRODUCTION RATE Average	Maximum Day

B3. List Processes Used at Plant

B4. Substances Discharged - Give common and technical names for each raw material and product that may be discharged to the sewer. Include all catalysts and intermediates. Use additional sheet, as necessary.

B5. What potentially hazardous, corrosive, flammable, explosive or toxic substances are handled at your plant ?

B6. Describe the wastewater generating operations (Including processes and cleanups).

C1. Are major processes batch ☐ or continuous ☐? Average number of batches per 24 hour day: _____

C2. Variation of Operation

Indicate whether the business activity is:

a. ☐ Continuous throughout the year, or ☐ Seasonal - Check months in which operations occur:

Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐

Peak month(s) of operation is (are):

Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐

b. ☐ Continuous throughout the week, or ☐ Intermittent -

If Intermittent, check the days of the week during which operations occur:

Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐

c. Are there any scheduled shutdowns? Yes ☐ No ☐

When: _____

Reason: _____

d. List official plant holidays: _____

C3. Wastewater Discharge Periods

a. Discharge occurs daily from _____AM ☐ / PM ☐ to _____AM ☐ / PM ☐

Check the days of the week that the discharge occurs:

Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐

Peak days(s) of discharge is (are):

Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐

b. Clean-up discharge daily from _____AM ☐ / PM ☐ to _____AM ☐ / PM ☐

Check the days of the week that the discharge occurs due to clean-up:

Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐

Peak day(s) of discharge is (are)

Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐

C4. Employee Information: Total Number of Employees_____ and breakdown of employees

	Office		Production (number of employees per shift)					
	No.	Hours	No.	Hours	No.	Hours	No.	Hours
Weekday:		to		to		to		to
Saturday:		to		to		to		to
Sunday:		to		to		to		to
Seasonal		to		to		to		to

C5. Describe any wastewater treatment equipment or processes in use:

C6. Describe any raw water treatment processes utilized

C7. Describe any water recycling or reuse processes utilized

C8. Is there a laboratory on the premises? ☐ Yes ☐ No

If there is more than one laboratory, use a separate form for this part for each laboratory:

a. List analyses performed:

b. Do any analyses use as reagents, any chemicals listed in the Priority Pollutant Survey (Section F)?

☐ Yes ☐ No

If Yes, list the chemicals, the amounts used per week and the method of disposal.

Chemical Reagent	Amount Used/Week	Method of Disposal

For those processes or operations, which produce wastes that are NOT discharged into city or storm sewers or to surface waters, complete the following:

Use Separate forms for each waste stream. This includes Sludge Generated in Process Operations, Laboratory Operations, or Wastewater Pretreatment Processes

Waste Stream No. ____

Describe process or operation producing waste:

Briefly characterize waste:

Annual waste production ____ tons/yr. ____ gal./yr.

Frequency of waste production:, seasonal☐, occasional☐, continual☐ ,other (specify):

D1. Waste Composition

a. Average percent solids ____ %

b. pH range ____ to ____ S.U.

c. Physical state: liquid☐, slurry☐, sludge☐, solid☐, other (specify)

d. Hazardous properties of waste: flammable☐, toxic☐, reactive☐, explosive☐, infectious☐, corrosive☐, other (specify) -

D2. Transportation

Waste hauled off site by self☐ or other☐

Waste Hauler Information

Name:
Phone:
Address:
City:
State:
Zip:

D3. Treatment and Disposal

a. Treatment or disposal is: on site ☐ off site ☐

b. Waste is reclaimed ☐, treated ☐, land disposed ☐, incinerated ☐,
other (specify) -

c. Off site facility receiving waste

Facility Operator:
Name of Facility:
Facility Location:
Phone:
Address:
City:
State:
ZIP:

D4. On Site Storage for greater than 90 days: None ☐

a. Method: drum ☐, roll-off container ☐, tank ☐, lagoon ☐, other (specify) -

b. Typical duration of waste stored _____ days, _____ weeks, _____ months

c. Typical volume of waste stored _____ tons, _____ gallons

d. Is storage site diked AND covered? Yes ☐, No ☐

e. Surface drainage collection system installed? Yes ☐, No ☐

E1. List each raw water source (city, county, well, other), account name (if applicable), designated use (fire service, production, lawn sprinkler, etc.) and average monthly consumption (indicate units):

Source	Account Number	Use	Consumption (gal/day)

E2. Indicate water use categories, distribution of water used and the means of wastewater disposal:

Water Used For	Gallons per day	Discharged To:
Sanitary: ☐		
Process: ☐		
Boiler: ☐		
Cooling: ☐		
Other*: ☐		
In Product: ☐		

*Describe other water use(s):

If this discharge is not anticipated to be permanent, what is the expected length of the duration of the discharge? Permanent ☐ or Temporary ☐ - Approximately _____ years.

E3. List plant sewer outlets, size and flow.

Flow Reference No.	Sewer Size (Inches)	Descriptive location of sewer connection or discharge point	Avg. (GPD)
1.			
2.			
3.			
4.			

Flow Reference No.	Sewer Size (Inches)	Descriptive location of sewer connection or discharge point	Avg. (GPD)
5.			

Does the facility discharge any process wastewater to any surface water or storm water connections?
Yes☐, No☐.

In the event of discharge of storm sewer, has a Notice of Intent been applied for with the State?
Yes☐, No☐.

Is a Spill Prevention Control and Countermeasure Plan in effect for this plant? Yes☐, No☐.

E4. PRETREATMENT

Is this plant subject to existing or proposed Federal Pretreatment Standards? Yes☐, No☐.

If so, are these Standards being met on a consistent basis? Yes☐, No☐.

Are additional pretreatment facilities, operation, maintenance and/or procedures required to meet Pretreatment Standards? Yes☐, No☐

If so, list the schedule by which they will be provided.

E5. Attach and refer to a map showing each building on the premises. Show location of water meters, storm drains, waste streams, sampling points and pretreatment facilities.

	Prohibited Pollutants	Known To Be Present	Believed To Be Present	Believed To Be Absent	Known To Be Absent
1.	Materials that may create a fire or explosion hazard	☐	☐	☐	☐
2.	Corrosive type materials pH <6 or pH>12	☐	☐	☐	☐
3.	Solid or viscous pollutants in amounts which could cause flow obstructions or interference with POTW operation	☐	☐	☐	☐
4.	Discharge of any pollutant (including BOD5, Suspended Solids, COD, etc.) in volume or strength to cause unit process upset or NPDES Permit violations.	☐	☐	☐	☐
5.	Heated discharges in excess of 104oF Temperature	☐	☐	☐	☐

6. List results of effluent monitoring: (Use additional summary sheets if needed)

	Parameter	Results		Analytical Method #
	Biochemical Oxygen Demand		Mg/L	
	Chemical Oxygen Demand		Mg/L	
	Total Suspended Solids		Mg/L	
	Total Dissolved Solids		Mg/L	
	Oil and Grease		Mg/L	
	Petroleum Hydrocarbons		Mg/L	
	Ammonia-Nitrogen		Mg/L	
	pH		S.U.	
	Temperature		°F/°C	

Indicate to the best of your ability, the known presence or known absence of the materials listed below. It is not necessary to undertake a sampling program to complete this section. Respond by checking the appropriate column indicating which of the following descriptions is applicable.

Check Column A if the compound is used as a raw material, stored on site, transported, or produced whether as a product or by-product and is known to be in wastewater discharge.

Check Column B if the compound is used as a raw material, stored on site, transported, or produced whether as a product or by-product, and is believed to be in wastewater discharge.

Check Column C if the compound is used as a raw material, stored on site, transported, or produced whether as a product or by-product, but is believed to NOT be in wastewater discharge.

Check Column D if the compound is NOT used as a raw material, stored on site, transported or produced.

Enter Analytical Results in Column E if analytical results are available. Include analytical units (Mg/L, etc...).

No.	Substance	A	B	C	D	E
1.	Bromodichloromethane	☐	☐	☐	☐	
2.	Bromoform	☐	☐	☐	☐	
3.	Bromomethane	☐	☐	☐	☐	
4.	Carbon tetrachloride	☐	☐	☐	☐	
5.	Chlorobenzene	☐	☐	☐	☐	
6.	Chloroethane	☐	☐	☐	☐	
7.	2-Chloroethylvinyl ether	☐	☐	☐	☐	
8.	Chloroform	☐	☐	☐	☐	
9.	Chloromethane	☐	☐	☐	☐	
10.	Dibromochloromethane	☐	☐	☐	☐	
11.	1,2-Dichlorobenzene	☐	☐	☐	☐	
12.	1,3-Dichlorobenzene	☐	☐	☐	☐	
13.	1,4-Dichlorobenzene	☐	☐	☐	☐	
14.	Dichlorodifluoromethane	☐	☐	☐	☐	
15.	1,1-Dichloroethane	☐	☐	☐	☐	
16.	1,2-Dichloroethane	☐	☐	☐	☐	
17.	1,1-Dichloroethylene	☐	☐	☐	☐	
18.	trans-1,2-Dichloroethylene	☐	☐	☐	☐	
19.	1,2-Dichloropropane	☐	☐	☐	☐	

No.	Substance	A	B	C	D	E
20.	cis-1,3-Dichloropropylene	☐	☐	☐	☐	
21.	trans-1,3-Dichloropropylene	☐	☐	☐	☐	
22.	Methylene chloride	☐	☐	☐	☐	
23.	1,1,2,2-Tetrachloroethane	☐	☐	☐	☐	
24.	Tetrachloroethylene	☐	☐	☐	☐	
25.	1,1,1-Trichloroethane	☐	☐	☐	☐	
26.	1,1,2-Trichloroethane	☐	☐	☐	☐	
27.	Trichloroethylene	☐	☐	☐	☐	
28.	Trichlorofluoromethane	☐	☐	☐	☐	
29.	Vinyl chloride	☐	☐	☐	☐	
30.	Benzene	☐	☐	☐	☐	
31.	Chlorobenzene	☐	☐	☐	☐	
32.	1,2-Dichlorobenzene	☐	☐	☐	☐	
33.	1,3-Dichlorobenzene	☐	☐	☐	☐	
34.	1,4-Dichlorobenzene	☐	☐	☐	☐	
35.	Ethylbenzene	☐	☐	☐	☐	
36	Toluene	☐	☐	☐	☐	
37.	Acrolein	☐	☐	☐	☐	
38	Acrylonitrile	☐	☐	☐	☐	
39.	4-Chloro-3-methylphenol	☐	☐	☐	☐	
40.	2-Chlorophenol	☐	☐	☐	☐	
41.	2,4-Dichlorophenol	☐	☐	☐	☐	
42.	2,4-Dimethylphenol	☐	☐	☐	☐	
43.	2,4-Dinitrophenol	☐	☐	☐	☐	
44	2-Methyl-4,6-dinitrophenol	☐	☐	☐	☐	
45.	2-Nitrophenol	☐	☐	☐	☐	
46.	4-Nitrophenol	☐	☐	☐	☐	
47.	Pentachlorophenol	☐	☐	☐	☐	
48.	Phenol	☐	☐	☐	☐	
49.	2,4,6-Trichlorophenol	☐	☐	☐	☐	
50.	Benzidine	☐	☐	☐	☐	
51.	3,3'-Dichlorobenzidine	☐	☐	☐	☐	
52.	Bis(2-ethylhexyl) phthalate	☐	☐	☐	☐	

No.	Substance	A	B	C	D	E
53.	Butyl benzyl phthalate	☐	☐	☐	☐	
54.	Di-n-butyl phthalate	☐	☐	☐	☐	
55	Diethyl phthalate	☐	☐	☐	☐	
56	Dimethyl phthalate	☐	☐	☐	☐	
57	Di-n-octyl phthalate	☐	☐	☐	☐	
58.	N-Nitrosodimethylamine	☐	☐	☐	☐	
59.	N-Nitrosodiphenylamine	☐	☐	☐	☐	
60	N-Nitrosodi-n-propylamine	☐	☐	☐	☐	
61.	Aldrin	☐	☐	☐	☐	
62.	a-BHC-Alpha	☐	☐	☐	☐	
63.	b-BHC-Beta	☐	☐	☐	☐	
64.	g-BHC-Gamma (Lindane)	☐	☐	☐	☐	
65.	d-BHC-Delta	☐	☐	☐	☐	
66.	Chlordane	☐	☐	☐	☐	
67.	4,4'-DDD	☐	☐	☐	☐	
68.	4,4'-DDE	☐	☐	☐	☐	
69.	4,4'-DDT	☐	☐	☐	☐	
70.	Dieldrin	☐	☐	☐	☐	
71	a-Endosulfan (I)	☐	☐	☐	☐	
72.	b-Endosulfan (II)	☐	☐	☐	☐	
73.	Endosulfan sulfate	☐	☐	☐	☐	
74	Endrin	☐	☐	☐	☐	
75	Endrin aldehyde	☐	☐	☐	☐	
76	Heptachlor	☐	☐	☐	☐	
77	Heptachlor epoxide	☐	☐	☐	☐	
78	Toxaphene	☐	☐	☐	☐	
79.	PCB-1016	☐	☐	☐	☐	
80.	PCB-1221	☐	☐	☐	☐	
81.	PCB-1232	☐	☐	☐	☐	
82.	PCB-1242	☐	☐	☐	☐	
83.	PCB-1248	☐	☐	☐	☐	
84.	PCB-1254	☐	☐	☐	☐	
85.	PCB-1260	☐	☐	☐	☐	

No.	Substance	A	B	C	D	E
86.	2,4-Dinitrotoluene	☐	☐	☐	☐	
87	2,6-Dinitrotoluene	☐	☐	☐	☐	
88.	Isophorone	☐	☐	☐	☐	
89	Nitrobenzene	☐	☐	☐	☐	
90.	Acenaphthene	☐	☐	☐	☐	
91.	Acenaphthylene	☐	☐	☐	☐	
92.	Anthracene	☐	☐	☐	☐	
93.	Benzo(a)anthracene	☐	☐	☐	☐	
94.	Benzo(a)pyrene	☐	☐	☐	☐	
95.	Benzo(b)fluoranthene	☐	☐	☐	☐	
96.	Benzo(ghi)perylene	☐	☐	☐	☐	
97.	Benzo(k)fluoranthene	☐	☐	☐	☐	
98.	Chrysene	☐	☐	☐	☐	
99	Dibenzo(a,h)anthracene	☐	☐	☐	☐	
100.	Fluoranthene	☐	☐	☐	☐	
101.	Fluorene	☐	☐	☐	☐	
102.	Indeno(1,2,3-cd)pyrene	☐	☐	☐	☐	
103.	Napthalene	☐	☐	☐	☐	
104.	Phenanthrene	☐	☐	☐	☐	
105.	Pyrene	☐	☐	☐	☐	
106.	Bis(2-chloroethyl) ether	☐	☐	☐	☐	
107.	Bis(2-chloroethoxy) methane	☐	☐	☐	☐	
108.	Bis(2-chloroisopropyl) ether	☐	☐	☐	☐	
109.	4-Bromophenyl phenyl ether	☐	☐	☐	☐	
110.	4-Chlorophenyl phenyl ether	☐	☐	☐	☐	
111.	2-Chloronapthalene	☐	☐	☐	☐	
112.	1,2-Dichlorobenzene	☐	☐	☐	☐	
113.	1,3-Dichlorobenzene	☐	☐	☐	☐	
114.	1,4-Dichlorobenzene	☐	☐	☐	☐	
115.	Hexachlorobenzene	☐	☐	☐	☐	
116.	Hexachlorobutadiene	☐	☐	☐	☐	
117.	Hexachlorocyclopentadiene	☐	☐	☐	☐	
118.	Hexachloroethane	☐	☐	☐	☐	

No.	Substance	A	B	C	D	E
119.	1,2,4-Trichlorobenzene	☐	☐	☐	☐	
120.	2,3,7,8 - TCDD (Dioxin)	☐	☐	☐	☐	
121.	Antimony (total)	☐	☐	☐	☐	
122.	Arsenic (total)	☐	☐	☐	☐	
123.	Beryllium (total)	☐	☐	☐	☐	
124.	Cadmium (total)	☐	☐	☐	☐	
125	Chromium (total)	☐	☐	☐	☐	
126.	Chromium (+6)	☐	☐	☐	☐	
127.	Copper (total)	☐	☐	☐	☐	
128.	Lead (total)	☐	☐	☐	☐	
129.	Mercury (total)	☐	☐	☐	☐	
130.	Nickel (total)	☐	☐	☐	☐	
131.	Selenium (total)	☐	☐	☐	☐	
132.	Silver (total)	☐	☐	☐	☐	
133.	Thallium (total)	☐	☐	☐	☐	
134.	Zinc (total)	☐	☐	☐	☐	
135.	Asbestos (qualitative)	☐	☐	☐	☐	
136.	Cyanide (total)	☐	☐	☐	☐	
137.	Methoxychlor	☐	☐	☐	☐	
138.	2,4-D	☐	☐	☐	☐	
139.	Silvex	☐	☐	☐	☐	
140.	MTBE	☐	☐	☐	☐	